L Number	Hits	Search Text	DB	Time stamp
4	0		USPAT	2004/04/30 08:05
		(extend extension extention extended)) same(crc))		
5	2	(((cyclic cyclical cyclically prefix)adj1	USPAT;	2004/04/30 08:05
		(extend extension extention extended))	US-PGPUB;	
		same(crc))	EPO; JPO;	
			DERWENT	
-	185	(bandpass or passband) with filter\$3 with correlator	USPAT;	2002/12/18 10:26
		Correlator	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1	((bandpass or passband)with filter\$3 with	USPAT;	2002/07/25 13:45
		correlator) and ((ofdm or fdm)or	US-PGPUB;	
		syncrhoniz\$5)	EPO; JPO;	
			DERWENT;	
_	0	((ofdm or fdm)with syncrhoniz\$5)	<pre>IBM_TDB USPAT;</pre>	2002/07/25 13:45
		((US-PGPUB;	2002/07/25 15:15
			EPO; JPO;	
			DERWENT;	
_	0	((ofdm or fdm)same syncrhoniz\$5)	IBM_TDB	2002/07/25 12 15
		. (Oram or ram) same syncrmonizably	USPAT; US-PGPUB;	2002/07/25 13:45
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	1	((ofdm or fdm)and syncrhoniz\$5)	USPAT;	2002/07/25 13:45
			US-PGPUB; EPO; JPO;	
			DERWENT;	
İ			IBM_TDB	
-	28	("cyclic extension" or "prefix	USPAT;	2002/07/26 14:54
		extension")same (ofdm or fdm)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	11	(("cyclic extension" or "prefix	USPAT;	2002/07/26 14:45
		extension")same synchroniz\$5)and (fdm or	US-PGPUB;	
		ofdm)	EPO; JPO; DERWENT;	
			IBM TDB	
-	4	(("cyclic extension" or "prefix	USPAT;	2002/07/26 14:46
		extension")same correlat\$3)and (fdm or ofdm)	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	1	((("cyclic extension" or "prefix	USPAT;	2002/07/26 14:46
		extension")same correlat\$3)and (fdm or	US-PGPUB;	
		ofdm)) not ((("cyclic extension" or "prefix	EPO; JPO;	
		extension")same synchroniz\$5)and (fdm or ofdm))	DERWENT;	
_	8	("saw filter")same (ofdm or fdm)	IBM_TDB USPAT;	2002/12/18 10:37
		(Ozom Oz Zom)	US-PGPUB;	2002/12/10 10:3/
			EPO; JPO;	
	;		DERWENT;	
_	2	("6341140" or "6313738").pn. and digital	IBM_TDB USPAT;	2002/07/20 10:40
	2	, solilio or solovio /.pm. and digital	US-PGPUB;	2002/07/29 10:40
			EPO; JPO;	
			DERWENT;	
_		/Navalia outonaica	IBM_TDB	0000/05/5
-	52	("cyclic extension" or "prefix extension")and (ofdm or fdm)	USPAT; US-PGPUB;	2003/01/04 12:34
		ondending fand folding of faint	EPO; JPO;	
			DERWENT;	
			IBM_TDB	

L Number	Hits	Search Text	DB	Time stamp
4	0	<pre>(((cyclic cyclical cyclically prefix)adj1 (extend extension extention extended)) same(crc))</pre>	USPAT	2004/04/30 08:05
5	2	<pre>(((cyclic cyclical cyclically prefix)adj1 (extend extension extention extended)) same(crc))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/30 08:05



-	3069	· · · · · · · · · · · · · · · · · · ·	USPAT;	2002/07/29 11:39
	}	376/364 or 375/366 or 375/147).ccls.	US-PGPUB;	
			EPO; JPO;	·
]		DERWENT;	
			IBM TDB	
-	2505	(370/350 or 370/503 or 370/206 or 370/203 or	USPAT;	2002/07/29 11:39
		370/210).ccls.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1 4-		IBM_TDB	
-	47	corvis.asn.	USPAT;	2002/12/16 12:10
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	321	saw with filter with digital	USPAT;	2002/12/16 12:11
			US-PGPUB;	,,
			EPO; JPO;	
	i			
			DERWENT;	
	1		IBM_TDB	
1 -	2	6313738.pn.	USPAT;	2002/12/18 10:26
			US-PGPUB;	
İ	1		EPO; JPO;	
	1		DERWENT;	
1			IBM TDB	
-	1	6313738.pn. and (digital)	USPAT;	2002/12/18 10:26
	1	, <i>j</i> ,	US-PGPUB;	-11=, -2, -3 10.20
			•	
	1		EPO; JPO;	
			DERWENT;	
		// 1:1 6:2:	IBM_TDB	
-	10	((saw with filter)same (ofdm or fdm)) and	USPAT;	2002/12/18 10:41
		digital	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	4	((saw with filter)same (ofdm or fdm)) and	USPAT;	2002/12/18 10:39
		(digital same saw)	US-PGPUB;	1 2002, 12, 10 10.33
		(azgrear bame ban)	EPO; JPO;	
			DERWENT;	
		///	IBM_TDB	
-	6	(((saw with filter)same (ofdm or fdm)) and	USPAT;	2002/12/18 10:41
		digital) not (((saw with filter)same (ofdm	US-PGPUB;	
		or fdm)) and (digital same saw))	EPO; JPO;	
	}		DERWENT;	
1			IBM TDB	
] -	14	(saw with filter)same (ofdm or fdm)	USPAT;	2002/12/18 10:43
	1	<u> </u>	US-PGPUB;	
			EPO; JPO;	†
1	1		DERWENT;	
			IBM TDB	
_	1544	Idea or Idirect with annual with		2002/03/02 35 32
	1544		USPAT;	2003/01/03 15:10
1		spectrum))same digital	US-PGPUB;	
	İ		EPO; JPO;	1
	1		DERWENT;	
			IBM_TDB	
-	760	((dss or (direct with spread with	USPAT;	2003/01/03 15:19
1		spectrum))same digital) and(((direct with	US-PGPUB;	
		spread with spectrum))same digital)	EPO; JPO;	
1	1	" ppooram, / bame argrear/	DERWENT;	
1_		6341140 pp	IBM_TDB	2002/01/02 15 12
-	2	6341140.pn.	USPAT;	2003/01/03 15:19
	1		US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
-	0	6341140.pn. and (fdm or ofdm)	USPAT;	2003/01/03 15:35
		-	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
L	l	<u> </u>	TDM IND	

	1	6341140.pn. and (fdm or ofdm or frequency)	USPAT;	2003/01/03 16:59
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	.
			IBM TDB	
	772	cyclic\$4 with extension	USPAT;	2003/01/03 17:00
-	//2	Cyclic54 with extension		2003/01/03 17:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(cyclic\$4 with extension)same sychronization	USPAT;	2003/01/03 17:00
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	l 0	(cyclic\$4 with extension) same sychroniz\$5	USPAT;	2003/01/03 17:10
	1	(-1	US-PGPUB;	,,
			EPO; JPO;	
1]		DERWENT;	
				-
	0	/avaliate vith /avtanded an avtancian\\	IBM_TDB	2002/01/02 17 11
-	1	(cyclic\$4 with (extended or extension))same	USPAT;	2003/01/03 17:11
	1	sychroniz\$5	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	[
			IBM_TDB	
-	163	"cyclic extension" or "cyclically extended"	USPAT;	2003/01/04 12:38
		-	US-PGPUB;	
			EPO; JPO;	[
			DERWENT;	
			IBM TDB	
<u>-</u>	48	("cyclic extension" or "cyclically	USPAT;	2003/01/04 12:38
	1	extended") and (("cyclic extension" or	US-PGPUB;	2003/01/04 12.38
	1		1	
		"cyclically extended") same (ofdm or fdm))	EPO; JPO;	
			DERWENT;	
		/	IBM_TDB	
-	48	("cyclic extension" or "cyclically	USPAT;	2003/01/04 12:58
		extended") and (("cyclic extension" or	US-PGPUB;	
		"cyclically extended")same (ofdm))	EPO; JPO;	
			DERWENT;	
	†		IBM_TDB	
-	2	6341140.pn.	USPAT;	2003/01/04 12:53
			US-PGPUB;	
İ			EPO; JPO;	
			DERWENT:	
			IBM TDB	
1 -	1	6341140.pn. and (intersymbol or	USPAT;	2003/01/04 12:53
		interference)	US-PGPUB;	
1		111011010100/	EPO; JPO;	
			DERWENT;	
	31	(Havalia outonaion on Havalias lle	IBM_TDB	2002/01/04 14 00
-	21	("cyclic extension" or "cyclically	USPAT;	2003/01/04 14:03
		extended") and (("cyclic extension" or	US-PGPUB;	
		"cyclically extended") same (synchroniz\$5 or	EPO; JPO;	
		correlat\$3))	DERWENT;	
			IBM_TDB	
-	2	6160791.pn.	USPAT;	2003/01/04 14:03
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	0	6160791.pn. and integrat\$3	USPAT;	2003/01/04 14:03
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
1_	0	6160791.pn. and sample	USPAT;	2003/01/04 14:04
1		oroo.st.bii. and sample	-	2003/01/04 14:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	L		IBM_TDB	

Page 3

-	1	6160791.pn. and (synchroniz\$5 correlat\$3)	USPAT; US-PGPUB; EPO; JPO;	2003/01/04 14:06
			DERWENT; IBM TDB	
-	2	6341140.pn. and (synchroniz\$5 correlat\$3)	USPAT; US-PGPUB;	2003/01/04 14:06
:			EPO; JPO; DERWENT; IBM_TDB	
-	1	"cyclically extended")	USPAT	2003/09/12 10:21
-	1	6160791.pn. and (extension or extended)	USPAT	2003/09/12 10:36
-	56	((sync synchronization)with pattern)same	USPAT;	2003/09/12 10:56
		ofdm	US-PGPUB; EPO; JPO; DERWENT	
_	38	(((sync synchronization)with pattern)same	USPAT;	2003/09/12 10:56
:		ofdm) and (bandpass passband)	US-PGPUB; EPO; JPO;	2003/09/12 10.30
	151	and a site and the same	DERWENT	2002/12/12 22 22
	151	prbs with pattern	USPAT; US-PGPUB; EPO; JPO;	2003/11/10 08:48
			DERWENT;	
			IBM_TDB	
-	0	(prbs with pattern) and ((prbs or	USPAT;	2003/11/10 08:49
	,	pattern)same (cyclic with extension))	US-PGPUB; EPO; JPO;	
	1		DERWENT;	
			IBM TDB	
-	11	(prbs with pattern)and ((prbs or	USPĀT;	2003/11/10 08:49
		pattern)same (cyclic))	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	286	ofdm same frame same synchroniz\$5	USPAT;	2004/04/26 12:46
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	29	(ofdm same frame same synchroniz\$5) and	USPĀT;	2004/04/26 12:46
		(bandpass passband)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	637	ofdm and(frame same synchroniz\$5)	USPAT;	2004/04/26 12:46
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	121	(ofdm and(frame same synchroniz\$5)) and	USPAT;	2004/04/26 12:49
		(bandpass passband)	US-PGPUB;	
	1		EPO; JPO; DERWENT;	
			IBM TDB	
-	8	(ofdm and(frame same synchroniz\$5)) and	USPAT;	2004/04/26 13:53
	+	((bandpass passband)same correlat\$3)	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
-	2	5956373.pn.	USPAT;	2004/04/26 13:53
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	1	5956373.pn. and "148"	USPAT;	2004/04/26 13:53
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT; IBM TDB	
L	I	I	1 1011 100	L

-	10410	kumar.inv.	USPAT; US-PGPUB;	2004/04/27 14:24
			EPO; JPO;	•
			DERWENT;	
_	35	kumar.inv. and (ofdm fdm)	IBM_TDB USPAT:	2004/04/27 14:24
		Ramar. IIIV. and (Oram ram)	US-PGPUB;	2004/04/27 14.24
			EPO; JPO;	
			DERWENT;	
	1.5	()	IBM_TDB	0004/04/05
] -	15	(kumar.inv. and (ofdm fdm)) and (bandpass passband)	USPAT; US-PGPUB;	2004/04/27 14:36
		passballu)	EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	44483	(bandpass passband) with filter\$3	USPAT;	2004/04/27 14:37
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	3343	((bandpass passband) with filter\$3)same	USPAT;	2004/04/27 14:37
!		interference	US-PGPUB;	
	1		EPO; JPO;	1
			DERWENT;	
-	1871	((bandpass passband) with filter\$3)with	IBM_TDB USPAT;	2004/04/27 14:41
		interference	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	10	///handnagg pagghand) with filter(2) with	IBM_TDB	2004/04/27 14 27
-	10	(((bandpass passband) with filter\$3)with interference) and (kumar.inv. and (ofdm	USPAT; US-PGPUB;	2004/04/27 14:37
	1	fdm))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	22	(((bandpass passband) with filter\$3)with interference) and ofdm	USPAT;	2004/04/27 14:41
	İ	Interference, and Ordin	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	12		USPAT;	2004/04/27 14:44
		interference) and ofdm) not kumar.inv.	US-PGPUB; EPO; JPO;	
			DERWENT;	
}			IBM TDB	
-	5	[, , , , , , , , , , , , , , , , , , ,	USPAT;	2004/04/27 14:55
1		interference) and ofdm) not kumar.inv.) and (frame with (sync synchroniz\$5))	US-PGPUB;	
		(trame with (sync synchroniz\$5))	EPO; JPO; DERWENT;	
			IBM TDB	
-	4	((((((bandpass passband) with filter\$3)with	USPAT;	2004/04/27 14:51
		interference) and ofdm) not kumar.inv.) and	US-PGPUB;	
		(frame with (sync synchroniz\$5))) and (correlat\$3)	EPO; JPO;	
		(COLLCIACO)	DERWENT; IBM TDB	
-	2	6067332.pn.	USPAT;	2004/04/27 14:51
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
-	1	6067332.pn. and (correlat\$4)	USPAT;	2004/04/27 14:52
		<u>-</u>	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
_	5	 (bandpass\$2 passband\$2)same correlat\$3 same	IBM_TDB USPAT;	2004/04/27 15:37
		(frame with (sync synchroniz\$5))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
L	l		IBM_TDB	

-	369	(370/270 370/2777 370/321).ccls.	USPAT; US-PGPUB;	2004/04/27 15:01
			EPO; JPO; DERWENT; IBM TDB	
-	16	((370/270 370/2777 370/321).ccls.) and (bandpass\$3 passband\$3)	USPAT; US-PGPUB;	2004/04/27 15:01
			EPO; JPO; DERWENT;	
-	3	((bandpass\$2 passband\$2)same correlat\$3 same (frame with (sync synchroniz\$5))) and	IBM_TDB USPAT; US-PGPUB;	2004/04/27 15:47
		ofdm	EPO; JPO; DERWENT;	
_	1	5956373.pn. and copending	IBM_TDB USPAT;	2004/04/27 15:47
			US-PGPUB; EPO; JPO; DERWENT;	
-	2	5,588,022.pn.	IBM_TDB USPAT;	2004/04/27 15:48
			US-PGPUB; EPO; JPO; DERWENT;	
-	1		IBM_TDB USPAT;	2004/04/27 15:48
		filter\$3)	US-PGPUB; EPO; JPO; DERWENT;	
-	2	5956373.pn.	IBM_TDB USPAT;	2004/04/27 16:19
			US-PGPUB; EPO; JPO; DERWENT;	
-	374	(cyclic cyclical cyclically prefix)adj1 (extended extension extended)	IBM_TDB USPAT;	2004/04/27 16:20
		(excended excension excended)	US-PGPUB; EPO; JPO; DERWENT;	
-	165	((cyclic cyclical cyclically prefix)adj1 (extended extension extended)) and (ofdm	IBM_TDB USPAT; US-PGPUB;	2004/04/27 16:20
		fdm)	EPO; JPO; DERWENT;	
-	34	(((cyclic cyclical cyclically prefix)adj1 (extended extension extended)) and (ofdm	IBM_TDB USPAT; US-PGPUB;	2004/04/27 16:20
		fdm)) and (bandpass passband)	EPO; JPO; DERWENT;	
-	34	(((cyclic cyclical cyclically prefix)adj1 (extend extension extention extended)) and	IBM_TDB USPAT; US-PGPUB;	2004/04/28 09:01
		(ofdm fdm)) and (bandpass\$3 passband\$3)	EPO; JPO; DERWENT	
-	0	<pre>(((cyclic cyclical cyclically prefix)adj1 (extend extension extention extended)) same(bandpass\$3 passband\$3)) and (ofdm fdm)</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/04/28 08:37
-	0	(((cyclic cyclical cyclically prefix)adj1	DERWENT USPAT;	2004/04/28 08:38
		<pre>(extend extension extention extended)) same(bandpass\$3 passband\$3))</pre>	US-PGPUB; EPO; JPO; DERWENT	
-	54	<pre>(((cyclic cyclical cyclically prefix)adj1 (extend extension extention extended)) same(bandpass\$3 passband\$3 filter\$3))</pre>	USPAT; US-PGPUB;	2004/04/28 09:44
-	2	6356698.pn.	EPO; JPO; DERWENT USPAT;	2004/04/28 09:02
			US-PGPUB; EPO; JPO; DERWENT	
1		<u> </u>	T NEW WENT	i l

	2	6246698.pn.	LICDAM.	2004/04/20 00 00
-	2	6246696.pm.	USPAT; US-PGPUB;	2004/04/28 09:02
	†			
			EPO; JPO; DERWENT	
	4	/#6429267# #6246699#\ ~~		2004/04/02 00 00
-	4	("6438367" "6246698").pn.	USPAT;	2004/04/28 09:03
			US-PGPUB;	
			EPO; JPO;	ľ
		//#6420267# #6046600#\	DERWENT	
-	2	, , , , , , , , , , , , , , , , , , ,	USPAT;	2004/04/28 09:04
		passband\$3 band-pass\$3 pass-band\$3 ((band	US-PGPUB;	1
		adj1 pass\$3)(pass adj1 band\$3)))	EPO; JPO;	
		/	DERWENT	l
-	1	(5790550.pn.) and (ofdm fdm)	USPAT;	2004/04/28 09:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	1	5790550.pn. and (ofdm fdm)	USPAT;	2004/04/28 09:11
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT	[
-	2	5790550.pn.	USPAT;	2004/04/28 09:10
			US-PGPUB;	
	ł		EPO; JPO;	
			DERWENT	
-	0	5809030.pn. and (ofdm fdm)	USPAT;	2004/04/28 09:11
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	1	5809030.pn. and (orthogonal)	USPAT;	2004/04/28 09:12
			US-PGPUB;	' ' ' ' ' '
			EPO; JPO;	
			DERWENT	
-	1	(5809030.pn. and (orthogonal)) and	USPAT;	2004/04/28 09:12
		((((cyclic cyclical cyclically prefix)adj1	US-PGPUB;	',,
		(extend extension extention extended))	EPO; JPO;	
		<pre>same(bandpass\$3 passband\$3 filter\$3)))</pre>	DERWENT	[
-	1	5790550.pn. and draft	USPAT;	2004/04/28 09:45
		-	US-PGPUB;	', ', ', ', ', ', ', ', ', ', ', ', ',
			EPO; JPO;	
			DERWENT	
		L. 15-16-16-16-16-16-16-16-16-16-16-16-16-16-		I